



State of Utah

DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF WATER QUALITY

M/023/003

Water Quality Board

Keith W. Welch
Chairman

Lynn F. Pett
Vice Chairman

R. Rex Ausburn, P.E.

David S. Bowles, Ph.D., P.E.

Nan Bunker

Leonard Ferguson

Dianne R. Nielson, Ph.D.

Joe C. Nielson

K.C. Shaw, P.E.

J. Ann Wechsler

Leroy H. Wullstein, Ph.D.

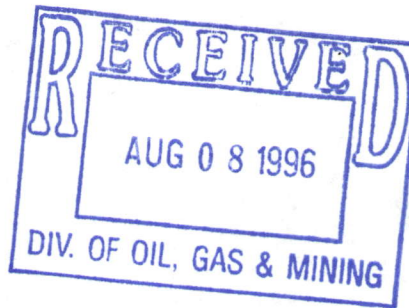
Don A. Ostler, P.E.
Executive Secretary

Michael O. Leavitt
Governor

Dianne R. Nielson, Ph.D.
Executive Director

Don A. Ostler, P.E.
Director

288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870
(801) 538-6146 Voice
(801) 538-6016 Fax
(801) 536-4414 T.D.D.



August 5, 1996

Greg Hawkins, Manager
Brush Wellman, Inc.
PO Box 815
Delta UT 84624

DOGM
MINERALS PROGRAM
FILE COPY

Dear Mr. Hawkins:

Subject: Brush Wellman Topaz Beryllium Mine

We received your letters dated July 1, and July 23, 1996, regarding your additional proposed pits and your waste rock dumps at the Topaz mine site. The mine is considered an existing facility under R317-6-6.1.14 on the basis the site, in its present scope, is administered under a mine plan by the Division of Oil Gas and Mining (DOGM), that predates the ground water rules.

However, it needs to be noted that the mine is not currently considered as permitted by rule under any of the categories listed in R317-6-6.2. Nor has a decision been rendered that these facilities don't qualify as facilities regulated under R317-6. Before this could happen, additional information is needed for our review of the facility. Therefore, as committed in your letter of July 23, 1996, Brush Wellman will submit a plan within 120 days of receipt of this letter for providing us with a description of the ore mineralogy and for testing procedures of the exposed ore and waste dumps for leachates that might percolate into the ground water. The submitted plan should include a brief description of the mechanical processes of ore mining and extraction, and how you plan to stockpile and create waste dumps. The leaching tests and mineralogic analysis should be made for all minerals that have an acid generating ability and for those minerals that contain metals listed in the ground water quality standards, and for the presence of radiological elements.

Given the above, no approval is needed from this agency in order for you to proceed as you have planned.

If you have any questions, please call Mack Croft or Lyle Stott at (801)538-6146.

Sincerely,

Fred C. Pehrson, P.E., Manager
Permits, Compliance & Monitoring Branch

FCP:MGC:wfm

cc: Don McMillan, Brush Wellman Inc.
JBR Consultants
Roger Foisey, DE
DOGM

P:\WQ\PERMITS\PEHRSON\WP\GHAWKINS.LTR
FILE:BRUSH WELLMAN, INC.

